

# OFSW - 8 × 1 Optical Fiber 8×1 Switch

## PRODUCT DESCRIPTION

OFSW- 8 × 1 is a 8 × 1 prism optical switch. It can support 8 optical fibers input and 1 fiber output, channel switch. Wide operating wavelength range, low insertion loss and speedy switching rate, can use network trends configuration, network monitor and lab application.

OFSW- 8×1 has three operator mode:

1, Manual mode:

Through interface and network, proceeding gallery switch real time, fiber route, wavelength management etc.

2, One way or circulate automatic scanning:

By setting time series, proceeding single way or circulate automatic scanning, as network detection.

3, Automatic mode:

Automatic selection channel that accord with users' requirement (eg: power range).

OFSW- 8×1 has 19" rack and 2U desk-type two chassis appearance, 2U desk-type applies to lab application. LCD located at front panel provide all unit' s working parameters and current operator scheme. RS232 interface and RJ45 ethernet interface, for SNMP, remote management and control.

## PRODUCT FEATURES

- ▶ Wide wavelength range
- ▶ Low insertion loss
- ▶ Low polarization-dependent loss
- ▶ Fast switching speed
- ▶ Low switch cross talk
- ▶ User-definable thresholds and hysteresis
- ▶ User-selectable revertive and non-revertive
- ▶ SNMP supporting remote management and monitoring
- ▶ High stability & reliable



## MAIN APPLICATION

- ▶ Network Monitoring and Switching
- ▶ Network Protection and Restoration
- ▶ Instrument, Testing and Measurement

## TECHNICAL INDEX

Performance			Index			Supplement
			Min.	Typ.	Max.	
Optic feature	Wavelength range	(nm)	1528		1620	OFSW-8×1-□-□-7
			1260		1620	OFSW-8×1-□-□-8
	Insertion loss	(dB)		2.0	2.5	
	Return loss	(dB)	55	60		
	Switch cross talk	(dB)	55	60		
	PDL	(dB)			0.2	
	Switching time	(mS)			20	
	Fiber type		9/125			
General feature	Optical connector		FC/UPC, FA/APC			Optional SC, LC
	10/100M Ethernet interface		RJ45			
	Net working protocol		SNMP			
	Communication interface		RS232			
	Power supply	(VAC)	90		265	50/60Hz
	Work temp.	(°C)	-20		65	
	Storage temp.	(°C)	-40		85	
	Relative humidity	(%)	5		95	
	Size (W) x (D) x (H)		19×10×1.75			1U
			11×14×3.5			2D

## MODEL EXPLANATION

OFSW - 8 × 1 - □ / □ - □ - □□ - □□ - □ / □□

Fiber Optic Switch	Number of input port		Number of output port		Number of input detection		Number of output detection		Work wavelength		Exterior		Connector		Number of power supply		Power supply	
	8	8port	1	1port	0	Without	0	Without	7	1528~1620	1U	1U 19"	FA	FA/APC	S	Single PS	22	220VAC
					8	8port	1	1port	8	1260~1620								
											2D	2U Desk-type	FP	FC/UPC	D	Dual PS	11	110VAC
													SA	SA/APC	P	Dual PS, hot plug	48	-48VDC
													SP	SC/UPC			42	-48VDC & 220VAC
													LA	LA/APC				
													LP	LC/UPC				